

lections of the National Museum. No definite hosts are recorded for most of these, but one series from British India is said to have been reared from Bostrichidae "in case wood" arriving at Philadelphia, and another lot is labeled "ex Sanday wood, Ancon, Canal Zone." There are also several specimens from Cuba marked as reared from an insect infesting *Gynericum sagittatum*, specimens from bamboo coming from India and Java, and two labeled "bred from *Lyctus*, Queensland, Australia."

THE LARVA AND PUPA OF CYLINDROCOPTURUS FURNISSI BUCHANAN (COLEOPTERA, CURCULIONIDAE).

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In consideration of the thorough investigations carried out by Mr. R. L. Furniss, Division of Forest Insect Investigations, United States Department of Agriculture, on the biology of *Cylindrocopturus furnissi* Buchanan, it seemed desirable to prepare a description of the larva. While studying this species it was necessary to make observations on the larvae of other species of the genus which were available, in order that a proper analysis of the importance of the characters could be made. Some of the information so obtained has been incorporated into the short key to species included herewith.

CYLINDROCOPTURUS Heller.¹

Larva (fig. 1) stout, curved, cylindrical. Head retracted for approximately one-half its length into prothorax, broader at middle than at anterior border, longer than wide (fig. 4). Endocarina distinct. Epicranial suture more than one-half as long as head to base of clypeus; frontal suture extending to base of antenna. Principal setae distributed on anterior fourth or third of head, as

¹ Since the larvae of only a few of the genera which are closely related to *Cylindrocopturus* are known, features of supergeneric importance probably have been included in the generic characterization. For literature treating other species of this and related genera see the following:

BÖVING, A. G.

1926. Immature stages of *Eulechriops gossypii* Barber, with comments on the classification of the tribe Zygopsini (Coleoptera: Curculionidae). Ent. Soc. Wash. Proc., v. 28, n. 3, pp. 54-62, fig.

DAMPF, A.

1929. Una nueva plaga del nopal (*Opuntia* sp.) *Cylindrocopturus biradiatus* Champion (Inst. Col., Fam. Curculionidae). Bol. Mens. Defensa Agr. Sec. Agr. Fom. Mexico. a. III, t. III, Nos. 1-4, pp. 7-17, fig.

KEIFER, H. H.

1930. The larva of *Cylindrocopturus crassus* Van Dyke. Pan-Pacific Ent., v. 6, n. 4, pp. 167-170, fig.

GARDNER, J. C. M.

1934. Immature stages of Indian Coleoptera (14) (Curculionidae). Indian Forest Rec., Ent. Ser., v. 20, pt. 2, pp. 11-15, fig.